

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111518\
 Data File : VW006896.D
 Acq On : 15 Nov 2018 14:44
 Operator : SY/AP
 Sample : J5945-02MS
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA0MSMS

Quant Time: Nov 16 05:40:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 04:49:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	157985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	152638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	37984	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.32%
7) Chloroethane-d5	2.89	69	29059	28.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.04%
10) 1,1-Dichloroethene-d2	4.03	63	93950	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.32%
20) 2-Butanone-d5	7.09	46	37939	49.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.16%
24) Chloroform-d	7.65	84	87422	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.31	65	56616	28.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.72%
29) Benzene-d6	8.28	84	195636	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.27	67	59980	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.24%
37) Toluene-d8	10.33	98	201437	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	26787	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	29682	48.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54439	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	69065	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

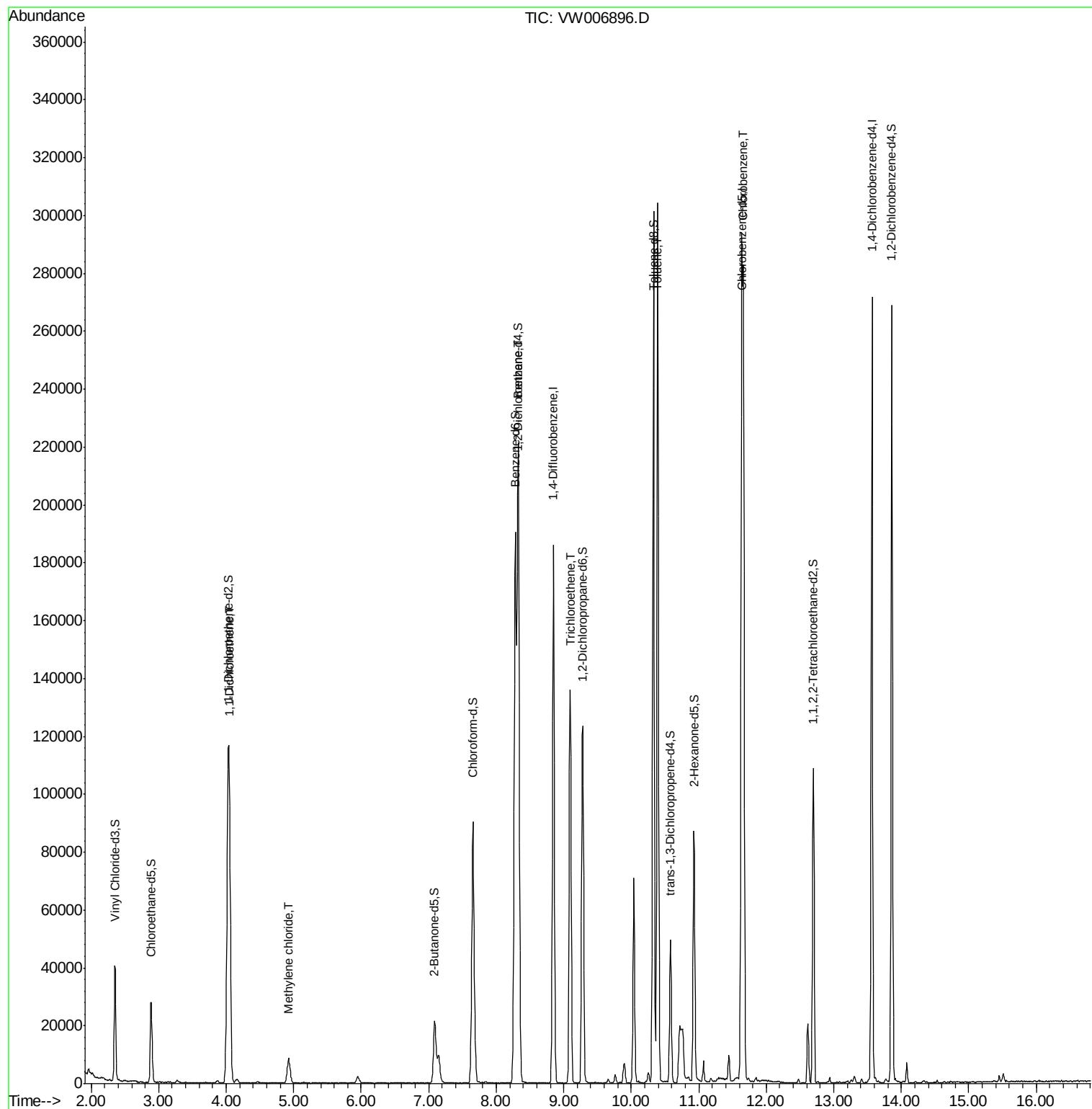
					Ovalue
12) 1,1-Dichloroethene	4.05	96	41467	22.975 ug/L	99
16) Methylene chloride	4.93	84	6591	2.386 ug/L	92
34) Benzene	8.33	78	186834	21.887 ug/L	100
35) Trichloroethene	9.09	95	49958	21.487 ug/L	99
44) Toluene	10.39	91	223170	22.833 ug/L	100
52) Chlorobenzene	11.66	112	140881	22.917 ug/L	98

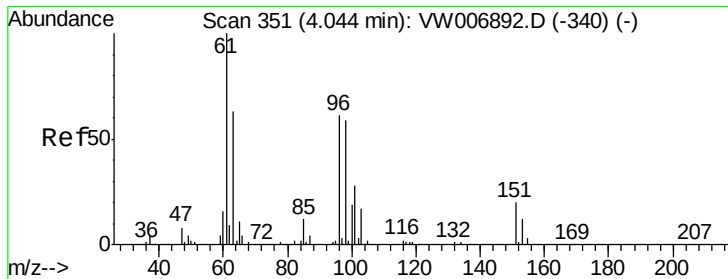
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

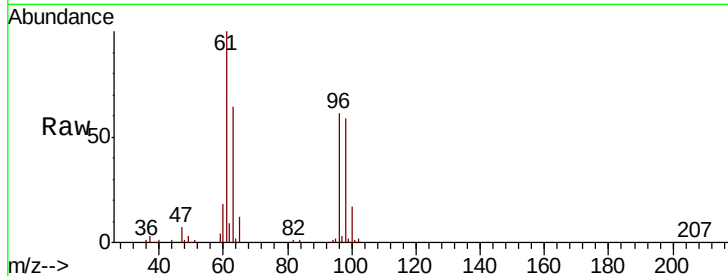




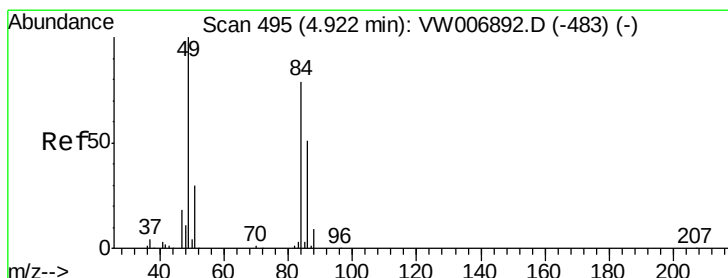
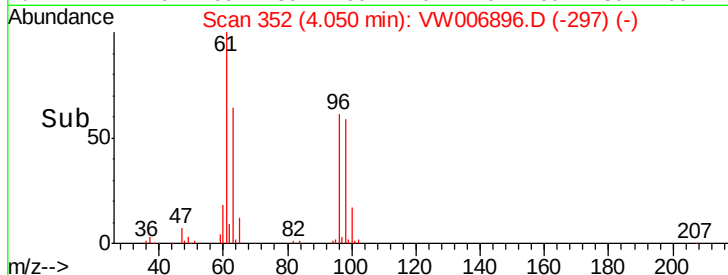
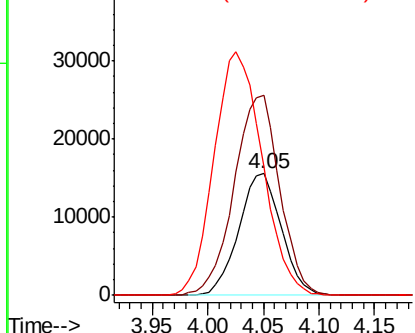
#12
 1,1-Dichloroethene
 Concen: 22.975 ug/L
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW006896.D
 Acq: 15 Nov 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA0MSMS

Tot Ion: 96 Resp: 41467
 Ion Ratio Lower Upper
 96 100
 61 164.8 116.3 215.9
 63 105.8 73.4 136.4

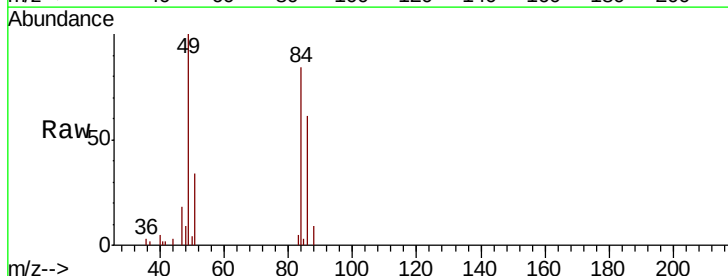


Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 63.00 (62.70 to 63.70): VW

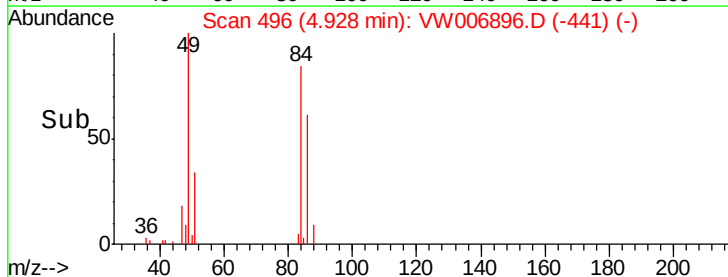
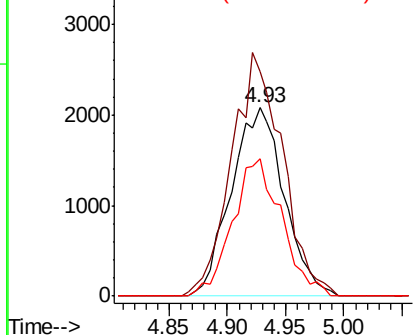


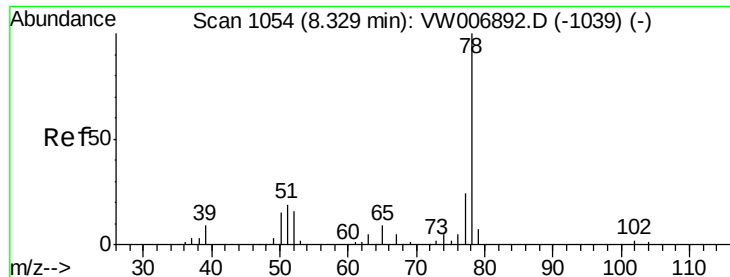
#16
 Methylene chloride
 Concen: 2.386 ug/L
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW006896.D
 Acq: 15 Nov 2018 14:44

Tgt Ion: 84 Resp: 6591
 Ion Ratio Lower Upper
 84 100
 49 119.0 79.3 147.3
 86 72.8 43.5 80.9



Abundance Ion 84.00 (83.70 to 84.70): VW
 Ion 49.00 (48.70 to 49.70): VW
 Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 21.887 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006896.D

Acq: 15 Nov 2018 14:44

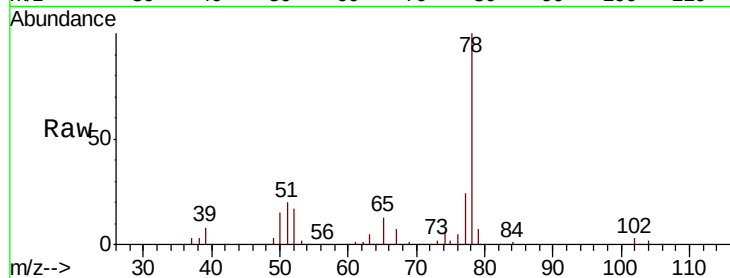
Instrument :

MSVOA_W

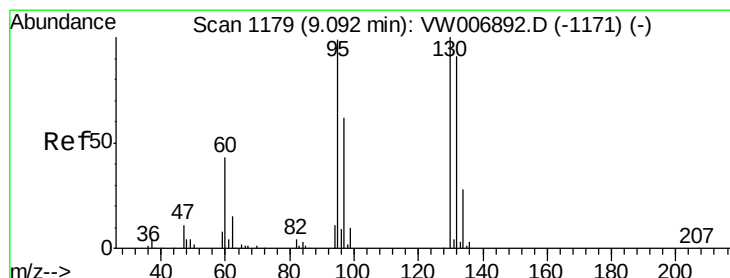
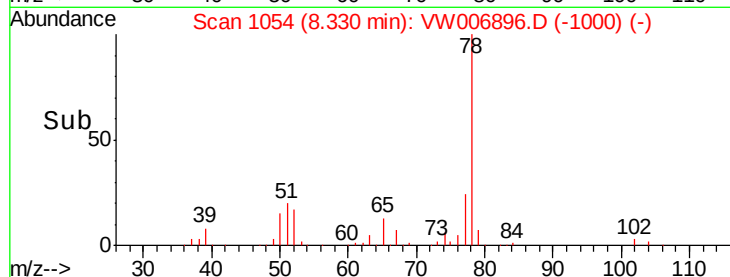
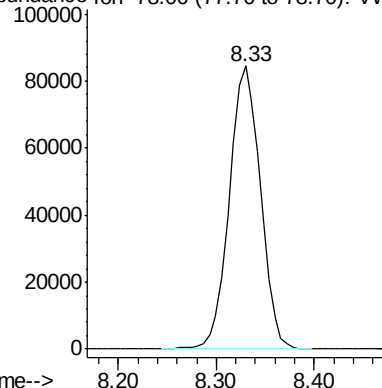
ClientSampleId :

ETOA0MSMS

Tgt Ion: 78 Resp: 186834



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 21.487 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006896.D

Acq: 15 Nov 2018 14:44

Tgt Ion: 95 Resp: 49958

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.1	83.9
132	95.1	65.7	121.9
130	98.6	68.7	127.7

95 100

97 63.3 45.1 83.9

132 95.1 65.7 121.9

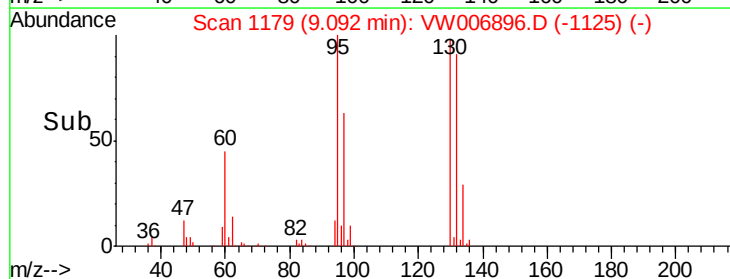
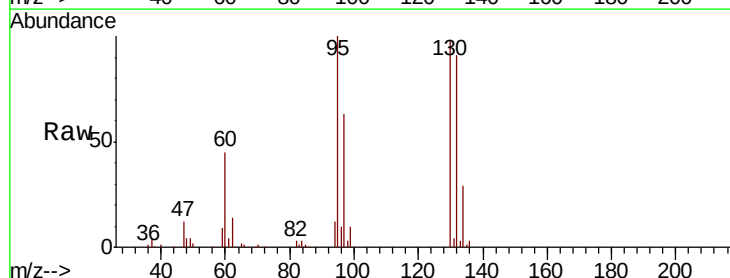
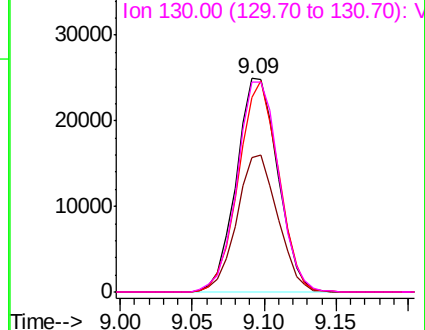
130 98.6 68.7 127.7

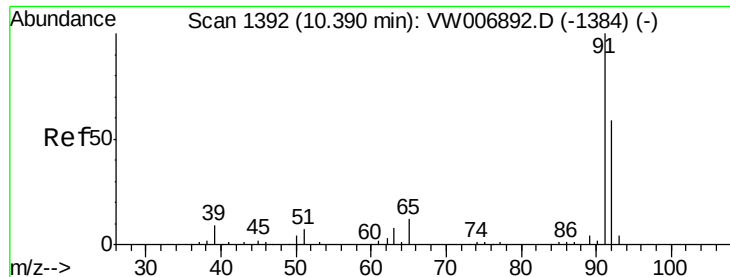
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 22.833 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006896.D

Acq: 15 Nov 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

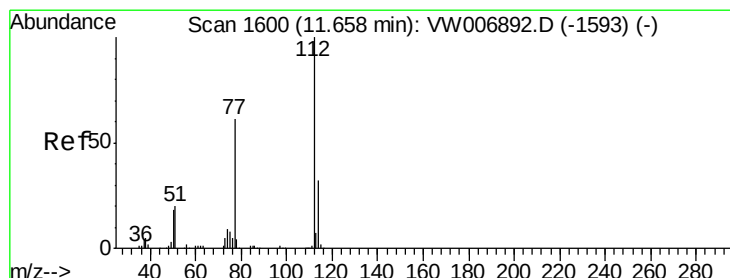
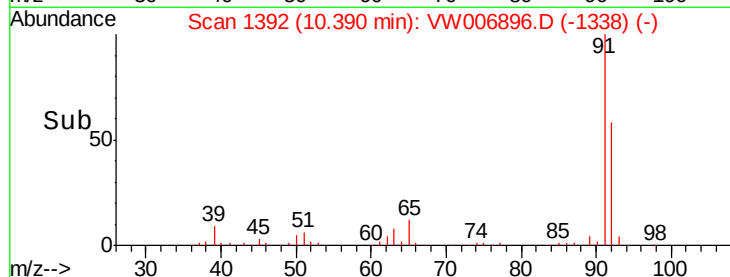
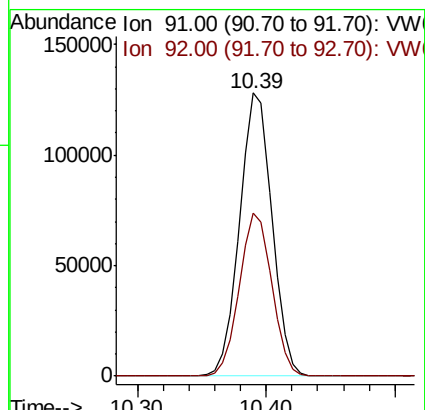
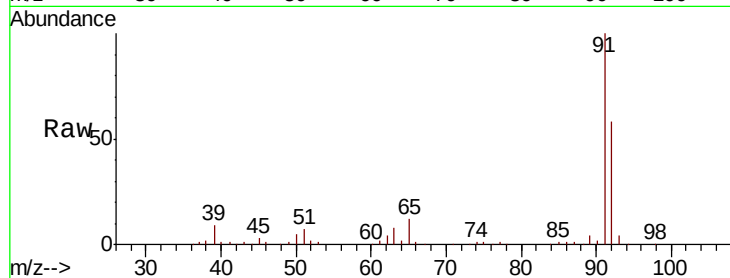
ETOAA0MSMS

Tot Ion: 91 Resp: 223170

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.3



#52

Chlorobenzene

Concen: 22.917 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006896.D

Acq: 15 Nov 2018 14:44

Tgt Ion: 112 Resp: 140881

Ion Ratio Lower Upper

112 100

77 57.8 47.8 71.8

114 31.3 22.3 41.5

